Reconstructed global precipitation analyses **(Pingping.Xie@noaa.gov)**

A – Global (75N-60S) precipitation back to 1948 that have been "reconstructed" by using the statistical relationship between rainfall over continents and rainfall over the oceans.

B - Satellite OLR data, land sfc. rain gauge data

C - Global (75N-60S)

D - Monthly mean, 2.5 x 2.5 lat/lon

E - 1948-present

F – updated approximately on a quarterly basis.

G – Available through ftp at: ftpprd.ncep.noaa.gov/pub/precip.

H- Used for research purposes. The primary utility of these analyses is to determine rainfall patterns over oceanic areas during both phases of the ENSO cycle in the pre-satellite era.

2*)* *Scientific Stewardship Activities Required for Continued Production of the Climate-Quality Data Set*

A-Extensive QC has been conducted on the land surface rain gauge data sets to ensure that the statistical relationships with oceanic rainfall are valid. This includes examining consistency of the historical records for each gauge, comparing time series with nearby gauge observations, and conducting impact tests for observations at some suspicious gauge stations.

B- Bias is assumed to be small compared to the uncertainty in the magnitude of the precipitation estimates produced by this method. The greatest utility of the data set in qualitatively access the precipitation anomaly pattern associated with the evolution of ENSO events has been demonstrated by several recent studies.

C- No reprocessing is currently underway.

D- See "A" above

E- Pingping.Xie@noaa.gov

3) Transition of ARC Project to Operational Center

Processing and archive only at NOAA Center; PI performing Sceintific Data Stewardship oversight as needed.